

Notice of Allowability

Application No.

10/800,696

Examiner

Yuriy Semenenko

Applicant(s)

ADRIAENSSENS ET AL.

Art Unit

2841

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 11/30/2006 and approved Terminal Disclaimer.
2. ☒ The allowed claim(s) is/are 39-46, 56, 57 and 59-63.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☒ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

DETAILED ACTION

Response to Amendment

1. Special Amendment After Final filed on 11/30/2006 has been entered. In response to the Office Action dated 10/23/2006, Applicant submitted Terminal Disclaimer to obviate a Double Patenting.

No claims have been amended.

Claims 47-50, 58 and 64-97 have been cancelled.

Claims 1-38 and 51-55 had been cancelled.

Claims 39-46 and 56-57 and 59-63 are now pending in the application.

Drawings

2. The Drawings amendments, filed on 11/30/2006 are considered and acknowledged. The Drawings amendments are approved.

Claims

3. Claims 41 and 60 amendments, filed on 11/30/2006 are considered and acknowledged. The claims amendments are approved.

Specification

4. The Specification amendments, filed on 11/30/2005 are considered and is acknowledged. The Specification amendments are approved.

Terminal Disclaimer

5. The Terminal Disclaimer filed on 12/14/2006 disclaiming the terminal portion of any patent granted on this application which would extend beyond the expiration date of any patent which issues from the co-pending Application No. 10/845104 has been reviewed and is accepted. The terminal disclaimer has been recorded.

Response to Arguments

6. Applicant's arguments filed 11/30/2006 have been considered and they are found persuasive.

Allowed Claims

7. Claims 39-46 and 56-57 and 59-63 are allowed.

7.1. The following is a statement of reasons for the indication of allowance of the claims 39, 40-46:

Limitations "a first compensation structure ... having a first magnitude to a first of the plurality of conductive traces; and a second compensation structure ...having a second magnitude to the first of the plurality of conductive traces; wherein a ratio of the first magnitude to the second magnitude varies with frequency" in combination with other claimed limitations in independent claim 1 are not disclosed or suggested by the prior art.

7.2. The following is a statement of reasons for the indication of allowance of the claims 56, 57:

Limitations "a first capacitor electrically connected to a first of the conductors, the first capacitor having a first dielectric with a first dielectric constant slope; and a second capacitor electrically connected to the first of the conductors, the second capacitor having a second dielectric with a second dielectric constant slope," in combination with other claimed limitations in independent claim 1 are not disclosed or suggested by the prior art.

7.3. The following is a statement of reasons for the indication of allowance of the claims 59, 60-63:

Limitations "a first compensation stage ... onto a first path of said plurality of conductive paths, said first compensation stage including at least one first capacitive element that includes a first dielectric constant material that has a first rate of change with frequency; and a second compensation stage ...onto said first path of said plurality of conductive

Art Unit: 2841


paths, said second compensation stage including at least one second capacitive element that includes a second dielectric constant material that has a second rate of change with frequency," in combination with other claimed limitations in independent claim 1 are not disclosed or suggested by the prior art.

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Yuriy Semenenko whose telephone number is (571) 272-6106. The examiner can normally be reached on 8:30am - 5:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Dean A. Reichard can be reached on (571)- 272-2800 ext. 31. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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DEAN A. REICHARD
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2800
1/8/06